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PRINTER RUSH

(PTO ASSISTANCE)

Application : 09/786945 Examiner : Chin GAU : 2664From : PAP Location : IDC FMF FDC Date : 5/18/05

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Tracking # : 0608 2078Week Date : 3/7/05

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449	_____	<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS	_____	<input type="checkbox"/> Foreign Priority
<input type="checkbox"/> CLM	_____	<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW	_____	<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW	_____	<input checked="" type="checkbox"/> Other LET 6/13/2001
<input type="checkbox"/> DRW	_____	
<input type="checkbox"/> OATH	_____	
<input type="checkbox"/> 312	_____	
<input type="checkbox"/> SPEC	_____	

[RUSH] MESSAGE: Renumbered claim 8 (original claim 16)
does not end in a period. Is data missing?
Please advise. (Please see LET of 6/13/2001 page 6).

Thank you

[XRUSH] RESPONSE: _____

CorrectedINITIALS: B

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.

REV 10/04

09/786,945

14. (New) A device, comprising:
a data estimator for determining a first detection solution;
an estimate improver for determining an improved detection solution; and
a decision circuit for deciding whether to continue an iteration.
15. (New) The device according to claim 14, wherein:
the estimate improver includes a unit for calculating an estimated transmission
signal, a unit for calculating standardized approximation term $\delta \cdot \underline{g}$, and
an adder for calculating an improved estimate.
16. (New) The device according to claim 15, wherein:
the unit for calculating standardized approximation term $\delta \cdot \underline{g}$ includes a unit
for calculating approximation term \underline{g} , a unit for calculating standardization factor δ , and
a multiplier for calculating the standardized approximation term. b) ,

Remarks

This Preliminary Amendment cancels original claims 1 to 9, without prejudice, in the underlying PCT Application No. PCT/DE99/02156, and cancels substitute claims 1-8, without prejudice. The Preliminary Amendment also adds new claims 9-16. The new claims conform the claims to U.S. Patent and Trademark Office rules and do not add new matter to the application.

In accordance with 37 C.F.R. § 1.121(b)(3), the Substitute Specification (including the Abstract, but without the claims) contains no new matter. The amendments reflected in the Substitute Specification (including Abstract) are to conform the Specification and Abstract to U.S. Patent and Trademark Office rules or to correct informalities. As required by 37 C.F.R. § 1.121(b)(3)(iii) and § 1.125(b)(2), a Marked Up Version Of The Substitute Specification comparing the Specification of record and the Substitute Specification also accompanies this Preliminary Amendment. Approval and entry of the Substitute Specification (including Abstract) are respectfully requested.

The underlying PCT Application No. PCT/DE99/02156 includes an International Search Report, dated January 28, 2000, and an International Preliminary Examination Report dated December 14, 2000, copies of which are submitted herewith.